A. LUCAS QUIZ 2 PAGE 2

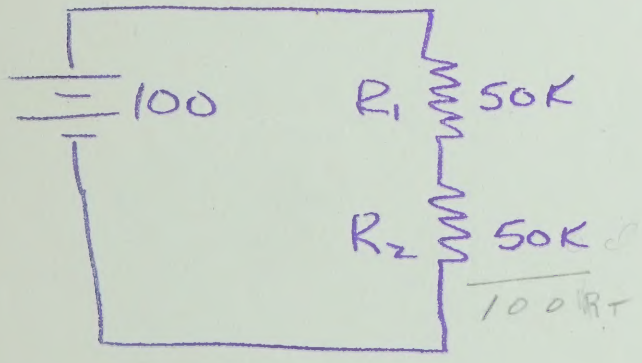
5. A NUMBER (B&S GAGE NO.) 34 WOULD HAVE 1404.4 OHMS PER MILE @70°F.

6. A # 20 GAGE B&S 400 FEET LONG HAS 4.12 OHMS.

7. # 20, 40, & 70 Ω RESISTORS (ONE EACH) ARE CONNECTED IN SERIES. WHAT IS THE TOTAL CONDUCTANCE?
.007692 MHOS.

8. WHAT IS THE PURPOSE OF CONELRAD?
TO KEEP ATTACKING AIRCRAFT FROM GETTING A FIX ON ANY PARTICULAR CITY

9.
10



100 RT

WHAT IS E_{R_1} 50 V

E_{R_2} 50 V

I_t 1 AMP
.001 a